

ABSTRACT

In a pilot-operated valve having a valve body, including inlet and outlet portions controllably interconnected via a main piston bore portion; a main piston movable within the main piston bore; an operator portion; an operator assembly including a movable plunger assembly; and an actuating mechanism for actuating the plunger assembly, wherein the improvement comprises a further bore located within the valve body and a manually-operated override assembly retained therein, including a stem having a tool actuating portion; a cam portion extending radially into the operator bore portion and, upon a first predetermined rotation physically actuating the plunger assembly; and an actuating surface extending tangentially into the main piston bore portion which, upon a second rotation physically actuates the main piston. A method of actuating the manual override assembly is also set forth.